<110> GRAHAM, RONALD J.
LEE, LINDA G.
NOBLE, RICHARD L.
SUN, HONGYE

<120> FLUORESCENT ENZYME ASSAY METHODS AND COMPOSITIONS

<130> 375461-007US

<140> 10/659,529
<141> 2003-09-09

<150> 60/486,393
<151> 2003-07-10

<150> 60/409,178
<151> 2002-09-09

<160> 44

<170> PatentIn Ver. 3.3

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1   5

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<220>

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Xaa Arg Xaa Xaa Ser Xaa Arg Xaa
  1   5

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<400> 7
Leu Arg Arg Leu Ser Asp Ser Asn Phe

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<400> 8
Lys Lys Leu Asn Arg Thr Leu Thr Val Ala
  1               5                   10


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Glu Glu Ile Tyr Xaa Xaa Phe
  1               5


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<400> 11
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  1   5

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<400> 12
Tyr Met Met Met
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<400> 13
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  1   5

<210> 14
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Leu Arg Arg Ala Ser Leu Gly
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Arg Gln Gly Ser Phe Arg Ala
  1               5


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<400> 16
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  1               5                   10


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<400> 17
Arg Pro Arg Thr Ser Ser Phe
  1               5


<210> 18
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<400> 18
Pro Arg Thr Pro Gly Gly Arg
  1               5


<210> 19
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<400> 19
Arg Leu Asn Arg Thr Leu Ser Val
  1               5
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Thr Tyr Ala Asp Phe Ile Ala Ser Gly Arg Thr Gly Arg Arg Asn Ala
 1   5   10   15

Ile

<210> 21
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<223> Ser(OPO3)

<220>
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<222> (9)
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<400> 21
Ser Leu Arg Arg Arg Arg Phe Ser Lys Gly
 1   5   10

<210> 22
<211> 9
<212> PRT
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<220>
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<220>
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<223> Ser(OPO3)

<400> 22
Leu Arg Arg Arg Arg Phe Ser Lys Gly
 1   5

<210> 23

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<211> 7
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<220>
<221> MOD_RES
<222> (5)
<223> Ser(OR)

<400> 23
Leu Arg Arg Ala Ser Leu Gly
  1               5


<210> 24
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<220>
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      peptide

<400> 24
Lys Leu Arg Arg Ala Ser Leu Gly
  1               5


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<220>
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<400> 25
Arg Gly Arg Pro Arg Thr Ser Ser Phe Ala Glu Gly
  1               5                   10


<210> 26
<211> 7
<212> PRT
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<220>
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      peptide

<400> 26
Leu Arg Arg Ala Ser Leu Gly
  1               5
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<210> 27
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<220>
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<400> 27
Arg Arg Glu Gly Ser Phe Arg
 1   5

<210> 28
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      peptide

<400> 28
Arg Gln Gly Ser Phe Arg Ala
 1   5

<210> 29
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<220>
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      peptide

<400> 29
Arg Ile Gly Glu Gly Thr Tyr Gly Val Val Arg Arg
 1   5   10

<210> 30
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<400> 30
Arg Pro Arg Thr Ser Ser Phe
 1   5

<210> 31
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<220>
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<400> 31
Pro Arg Thr Pro Gly Gly Arg
  1   5

<210> 32
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<400> 32
Arg Leu Asn Arg Thr Leu Ser Val
  1   5

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Gly Leu Arg Arg Ala Ser Leu Gly
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<210> 34
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<220>
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<400> 34
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<210> 35
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<220>
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<220>
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<223> Ser(OPO(OBzl)OH)

<220>
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<222> (5)
<223> Lys(Mtt)

<400> 35
Leu Arg Phe Ser Lys Gly
  1   5

<210> 36
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<223> Arg(Pmc)2

<220>
<221> MOD_RES
<222> (3)
<223> Ser(tBu)

<400> 36
Leu Arg Ala Ser Leu Gly
  1   5

<210> 37
<211> 6
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<220>
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<222> (2)
<223> Arg(Pmc)2

<220>
<221> MOD_RES
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<223> Ser(OPO(OBzl)OH)

<400> 37
Leu Arg Ala Ser Leu Gly
  1               5


<210> 38
<211> 26
<212> PRT
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<220>
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<220>
<221> MOD_RES
<222> (26)
<223> Lys(Mtt)

<400> 38
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Ala Glu Glu Ala Ala Glu Glu Ala Lys Lys
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<210> 39
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<220>
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<220>
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<222> (1)
<223> Ser(OPO3)

<400> 39
Ser Lys Leu Lys Arg Gln Gly Ser Phe Lys Tyr
  1               5                   10


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<220>
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<400> 40
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 1               5                   10


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<211> 15
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      peptide

<400> 41
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 1               5                   10                  15


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<223> Lys(epsilon-N-X)

<400> 42
Lys Leu Arg Arg Ala Ser Leu Gly
 1               5


<210> 43
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<220>
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<220>
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<223> Lys(Mtt)

<400> 44
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